

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:

Robert Colin PUGH et al.

Serial No.: 09/868,623

Filed: June 25, 2001

For: AN ELECTRO KINETIC GEOSYNTHETIC STRUCTURE

INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner of Patents
Washington, DC 20231

Sir:

As a means of complying with the duty of disclosure under 37 CFR §1.56, and in accordance with 37 CFR §§1.97 and 1.98, Applicant(s), through the undersigned attorney, submits this Information Disclosure Statement. The patents, publications or other information submitted herewith are listed on the attached Form PTO-1449 and copies are attached.

The references cited on Form PTO-1449 were cited in an International Search Report in the counterpart PCT Application. A copy of the International Search Report is enclosed. Please note that GB 2 301 311 is cited in the instant specification at page 3 and U.S. 5,980,155 is its U.S. equivalent.

In accordance with 37 CFR §1.97(b)(3), this Information Disclosure Statement is being filed before the mailing date of a first Office Action on the merits of the above-identified application, therefore, no fees are due.

Respectfully submitted,

JACOBSON HOLMAN PLLC

By: 

Michael R. Slobasky
Reg. No. 26,421

400 Seventh Street, N. W.
Washington, D.C. 20004
Telephone: (202) 638-6666
Atty. Docket No.: P66775US0
MRS:cwp
R:\CMOORE\MRS4001\P66775.IDS

JACOBSON HOLMAN PLLC
 400 SEVENTH STREET, N.W., Suite 600
 WASHINGTON, D.C. 20004-2201
 Phone: (202) 638-6666

LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT

APPLICANT: Robert Colin PUGH et al.

GROUP ART UNIT:

SERIAL NO.: 09/868,623ATTY. DOCKET NO.: P66775US0FILING DATE: June 25, 2001TODAY'S DATE: October 2, 2001

U.S. PATENT DOCUMENTS

| *EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB- CLASS | FILING DATE (If Appropriate) |
|----------------------|----|--------------------|----------|--------------|-------|---------------|---------------------------------|
| | AA | 5,593,248 | 01/14/97 | Kansa et al. | | | |
| | AB | 5,980,155 | 11/09/99 | Jones et al. | | | |
| | AC | | | | | | |
| | AD | | | | | | |
| | AE | | | | | | |
| | AF | | | | | | |
| | AG | | | | | | |
| | AH | | | | | | |
| | AI | | | | | | |
| | AJ | | | | | | |
| | AK | | | | | | |

FOREIGN PATENT DOCUMENTS

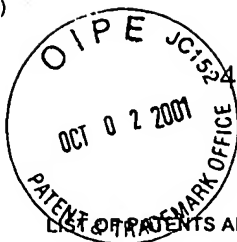
| *EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUB- CLASS | Translation | |
|----------------------|----|---|----------|----------------|-------|---------------|---------------|------|
| | | | | | | | (Yes) | (No) |
| | AL | 0 870 875 | 10/14/98 | Europe | | | | |
| | AM | 07 018654 | 01/20/95 | Japan | | | Abst. Only | |
| | AN | 01 063932 ^{0224 2816} | 09/27/90 | Japan | | | Abst. Only | |
| | AO | 10 110426 | 04/28/98 | Japan | | | Abst. Only | |
| | AP | 2 301 311 | 08/17/95 | United Kingdom | | | Abst. Only | |

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

| | | |
|--|----|--|
| | AQ | |
| | AR | |

| | |
|----------|-----------------|
| EXAMINER | DATE CONSIDERED |
|----------|-----------------|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).



JACOBSON HOLMAN PLLC
 400 SEVENTH STREET, N.W., Suite 600
 WASHINGTON, D.C. 20004-2201
 Phone: (202) 638-6666

LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT

APPLICANT: Robert Colin PUGH et al.
 SERIAL NO.: 09/868,623
 FILING DATE: June 25, 2001

GROUP ART UNIT:
 ATTY. DOCKET NO.: P66775US0
 TODAY'S DATE: October 2, 2001

U.S. PATENT DOCUMENTS
Part of 44

| *EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB- CLASS | FILING DATE (If Appropriate) |
|----------------------|----|--------------------|----------|--------------|-------|---------------|---------------------------------|
| <i>KM</i> | AA | 5,593,248 | 01/14/97 | Kansa et al. | | | |
| <i>KM</i> | AB | 5,980,155 | 11/09/99 | Jones et al. | | | |
| | AC | | | | | | |
| | AD | | | | | | |
| | AE | | | | | | |
| | AF | | | | | | |
| | AG | | | | | | |
| | AH | | | | | | |
| | AI | | | | | | |
| | AJ | | | | | | |
| | AK | | | | | | |

RECEIVED
 DEC 11 2001
 GROUP 3600

FOREIGN PATENT DOCUMENTS

| *EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUB- CLASS | Translation | |
|----------------------|----|--------------------|----------|----------------|-------|---------------|---------------|------|
| | | | | | | | (Yes) | (No) |
| <i>KM</i> | AL | 0 870 875 | 10/14/98 | Europe | | | | |
| <i>KM</i> | AM | 07 018654 | 01/20/95 | Japan | | | Abst. Only | |
| <i>KM</i> | AN | 01 063932 | 09/27/90 | Japan | | | Abst. Only | |
| <i>KM</i> | AO | 10 110426 | 04/28/98 | Japan | | | Abst. Only | |
| <i>KM</i> | AP | 2 301 311 | 08/17/95 | United Kingdom | | | Abst. Only | |

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

| | | |
|--|----|--|
| | AQ | |
| | AR | |

| | |
|-------------------------------|--------------------------------|
| EXAMINER <i>Kathy Michael</i> | DATE CONSIDERED <i>4-11-02</i> |
|-------------------------------|--------------------------------|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:

Robert Colin PUGH et al.

Serial No.: 09/868,623

Filed: June 25, 2001

For: AN ELECTRO KINETIC GEOSYNTHETIC STRUCTURE

SECOND INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner of Patents
Washington, DC 20231

Sir:

As a means of complying with the duty of disclosure under 37 CFR §1.56, and in accordance with 37 CFR §§1.97 and 1.98, Applicant(s), through the undersigned attorney, submits this Information Disclosure Statement. The patents, publications or other information submitted herewith are listed on the attached Form PTO-1449 and copies are attached.

The references cited on Form PTO-1449 were cited in a related application Serial No. 09/889,590 filed August 2, 2001 (Our Ref.: P66912US0).

In accordance with 37 CFR §1.97(b)(3), this Information Disclosure Statement is being filed before the mailing date of a first Office Action on the merits of the above-identified application, therefore, no fees are due.

Respectfully submitted,

JACOBSON HOLMAN PLLC

By: 

Michael R. Slobasky
Reg. No. 26,421

400 Seventh Street, N. W.
Washington, D.C. 20004
Telephone: (202) 638-6666
Atty. Docket No.: P66775US0

MRS:cwp
R:\CMOORE\MRS\4001\UP66775.ID2

JACOBSON HOLMAN PLLC
 400 SEVENTH STREET, N.W., Suite 600
 WASHINGTON, D.C. 20004-2201
 Phone: (202) 638-6666

LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT

APPLICANT: Robert Colin PUGH et al.

GROUP ART UNIT:

SERIAL NO.: 09/868,623ATTY. DOCKET NO.: P66775US0FILING DATE: June 25, 2001TODAY'S DATE: December 4, 2001

U.S. PATENT DOCUMENTS

| *EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB- CLASS | FILING DATE (If Appropriate) |
|----------------------|----|--------------------|----------|-----------------|-------|---------------|---------------------------------|
| | AA | 5,074,986 | 12/24/91 | Probst et al. | | | |
| | AB | 5,476,992 | 12/19/95 | Ho et al. | | | |
| | AC | 5,676,819 | 10/14/97 | Lindgren et al. | | | |
| | AD | | | | | | |
| | AE | | | | | | |
| | AF | | | | | | |
| | AG | | | | | | |
| | AH | | | | | | |
| | AI | | | | | | |
| | AJ | | | | | | |
| | AK | | | | | | |

FOREIGN PATENT DOCUMENTS

| *EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUB- CLASS | Translation | |
|----------------------|----|--------------------|----------|---------|-------|---------------|------------------------|------|
| | | | | | | | (Yes) Abst. Only | (No) |
| | AL | 0 504 551 | 09/23/92 | Europe | | | | |
| | AM | | | | | | | |
| | AN | | | | | | | |
| | AO | | | | | | | |
| | AP | | | | | | | |

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

| | | |
|--|----|--|
| | AQ | |
| | AR | |

| | |
|----------|-----------------|
| EXAMINER | DATE CONSIDERED |
|----------|-----------------|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).



JACOBSON HOLMAN PLLC
 400 SEVENTH STREET, N.W., Suite 600
 WASHINGTON, D.C. 20004-2201
 Phone: (202) 638-6666

LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT

APPLICANT: Robert Colin PUGH et al.SERIAL NO.: 09/868,623FILING DATE: June 25, 2001

GROUP ART UNIT:

ATTY. DOCKET NO.: P66775US0TODAY'S DATE: December 4, 2001

U.S. PATENT DOCUMENTS

Part of #5

| *EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB- CLASS | FILING DATE (If Appropriate) |
|----------------------|----|--------------------|----------|------------------|-------|---------------|---------------------------------|
| <i>KM</i> | AA | 5,074,986 | 12/24/91 | Probstein et al. | | | |
| <i>KM</i> | AB | 5,476,992 | 12/19/95 | Ho et al. | | | |
| <i>KM</i> | AC | 5,676,819 | 10/14/97 | Lindgren et al. | | | |
| | AD | | | | | | |
| | AE | | | | | | |
| | AF | | | | | | |
| | AG | | | | | | |
| | AH | | | | | | |
| | AI | | | | | | |
| | AJ | | | | | | |
| | AK | | | | | | |

RECEIVED

DEC 06 2001

GROUP 3600

FOREIGN PATENT DOCUMENTS

| *EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUB- CLASS | Translation | |
|----------------------|----|--------------------|----------|---------|-------|---------------|---------------|------|
| | | | | | | | (Yes) | (No) |
| <i>KM</i> | AL | 0 504 551 | 09/23/92 | Europe | | | Abst. Only | |
| | AM | | | | | | | |
| | AN | | | | | | | |
| | AO | | | | | | | |
| | AP | | | | | | | |

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

| | | |
|--|----|--|
| | AQ | |
| | AR | |

| | |
|---------------------------------|--------------------------------|
| EXAMINER: <i>Kathy Mitchell</i> | DATE CONSIDERED: <i>4-1-02</i> |
|---------------------------------|--------------------------------|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).

Notice of References Cited

Application/Control No.

09/868,623

Applicant(s)/Patent Under
Reexamination
PUGH ET AL.

Examiner

Katherine W Mitchell

Art Unit

3673

Page 1 of 1

U.S. PATENT DOCUMENTS

| * | | Document Number Country Code-Number-Kind Code | Date MM-YYYY | Name | Classification |
|---|---|--|-----------------|------------------------------|----------------|
| | A | US-4,157,287 | 06-1979 | Christenson, Lowell B. | 166/248 |
| | B | US-4,622,138 | 11-1986 | Wager, Oleg | 210/170 |
| | C | US-6,089,788 | 07-2000 | Sandanasamy, Richard Douglas | 405/258.1 |
| | D | US-5,037,240 | 08-1991 | Sherman, Lynn D. | 405/128.15 |
| | E | US-5,240,570 | 08-1993 | Chang et al. | 204/515 |
| | F | US-4404516 | 09-1983 | Johnson Jr | 324/54 |
| | G | US- | | | |
| | H | US- | | | |
| | I | US- | | | |
| | J | US- | | | |
| | K | US- | | | |
| | L | US- | | | |
| | M | US- | | | |

FOREIGN PATENT DOCUMENTS

| * | | Document Number Country Code-Number-Kind Code | Date MM-YYYY | Country | Name | Classification |
|---|---|--|-----------------|---------|-------------|----------------|
| | N | EP 0390755 A2 | 03-1990 | Italy | Saval | D04H13/00 |
| | O | EP 0591963 A1 | 04-1994 | Germany | Radtke | E21D11/15 |
| | P | WO 95/21965 | 08-1995 | GB | Jones et al | E02D17/20 |
| | Q | | | | | |
| | R | | | | | |
| | S | | | | | |
| | T | | | | | |

NON-PATENT DOCUMENTS

| * | | Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages) |
|---|---|--|
| | U | International Geotextile Society (IGS) "Recommended Descriptions of Geosynthetics Functions, Geosynthetics Terminology, Mathematical and Graphical Symbols", 4th edition |
| | V | |
| | W | |
| | X | |

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

Notice of References Cited

Application/Control No.

09/868,623

Applicant(s)/Patent Under
Reexamination
PUGH ET AL.

Examiner

Katherine W Mitchell

Art Unit

3677

Page 1 of 1

U.S. PATENT DOCUMENTS

| * | | Document Number Country Code-Number-Kind Code | Date MM-YYYY | Name | Classification |
|---|---|--|-----------------|------|----------------|
| | A | US- | | | |
| | B | US- | | | |
| | C | US- | | | |
| | D | US- | | | |
| | E | US- | | | |
| | F | US- | | | |
| | G | US- | | | |
| | H | US- | | | |
| | I | US- | | | |
| | J | US- | | | |
| | K | US- | | | |
| | L | US- | | | |
| | M | US- | | | |

FOREIGN PATENT DOCUMENTS

| * | | Document Number Country Code-Number-Kind Code | Date MM-YYYY | Country | Name | Classification |
|---|---|--|-----------------|-----------|---------|----------------|
| | N | WO9859117 | 12-1998 | GB9801841 | Wrigley | E02D 3/11 |
| | O | | | | | |
| | P | | | | | |
| | Q | | | | | |
| | R | | | | | |
| | S | | | | | |
| | T | | | | | |

NON-PATENT DOCUMENTS

| * | | Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages) |
|---|---|---|
| | U | |
| | V | |
| | W | |
| | X | |

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.